

The Files - Project 2096

25 November 1958

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Conference Report -

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25X1A5a1 1. On 20 November 1958 a conference was held with representatives of the [REDACTED] to discuss a proposal for a thermoelectric generator. Present at the discussion were:

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2. The [REDACTED] has been asked to submit a proposal for a 10 watt, 15 volt thermoelectric generator. This generator would be approximately 7 inches in diameter and 8 inches long, less fuel supply. A self contained gasoline burner, similar to a Coleman burner, would supply heat to the hot junction of the thermoelements at about 1200° F. The temperature of the cold junction would be dependent on the ambient temperature, but would be approximately 125° F. With this temperature difference, an efficiency of 6% could be realized.

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3. In illustrating his company's experience with similar devices, [REDACTED] used a drawing of a spherical generator which is to have a radioisotope in the center as the heat source. [REDACTED] did not say, but it was apparent that this generator is the device that [REDACTED] is fabricating for the AS-6 power supply which the [REDACTED]

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4. [REDACTED] said he would have the proposal to this Office within two weeks for evaluation.

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OC-E/R+D-EP/CWS:mjr (25 Nov. 58)

cc: R+D Subject File/Monthly/R+D Lab/OC-T/R+D Chrono/EP Chrono